

5.0 ROOM REQUIREMENTS

MCESG Annex

Room Name: Conference Room 204

Space Characteristics

Function: Provides space for training and meeting to support a 24-hour operation.

Adjacencies: Near circulation and offices.

Area: 297 SF

Special Dimensions:

Plan Dimension: 297 SF

Minimum ceiling height: 10 FT

Acoustics: Walls: STC 50 (walls between other adjacent rooms and spaces), Doors: **STC 45**. Floor/Ceiling assemblies shall have an Impact Isolation Class (IIC) of 50 (IIC 45 if field tested).

Access: Accessed directly from corridor.

Number of Occupants: 24

Other Requirements: Provide cable TV, camera network, Tables and chairs for 24 occupants. Provide small closet for AV equipment as indicated on concept drawings.

Uniformat Section	Description	Qty	Size	Specific Requirements
B2010	Exterior Walls			Wall construction shall consist of load bearing CMU backup wall, brick veneer, cast stone trim and a wall cavity space containing the insulation, air, water and vapor barrier.
B202001	Exterior Windows	As Indicated	As Required	ATFP compliant. Prefinished aluminum, thermal broken frames. Window shall be fixed operable double hung windows. Provide solid surface stools (sills).
B202004	Exterior Glazing			Low-e, insulated, laminated glazing meeting ATFP requirements. Glazing shall be tinted matching base standards. Laminated glazing shall be a nominal 0.25" thick minimum. Insulating shall be argon filled.
C101001	Fixed Partitions			Concrete Masonry Units (CMU)
C102001	Interior Doors	As Indicated	3X7	Provide solid core flush wood door in a factory stained finish and hollow metal frames (field painted).
C102003	Fire Doors			Where required.
C102007	Interior Door Hardware			Provide the following but not limited to gasketing, protection plates, stops, cores and cylinders as required, lock trim.
C103003	Marker Boards and Tack Boards		4'-0" x 8'-0"	Magnetic, Aluminum frame Marker board
C103004	Identifying Devices			Wall mounted, architectural signage, include room number and name of function

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C103012	Firestopping Penetrations	As required		Penetration ratings shall match wall ratings.
C103015	Specialties	As required		Articulating mounts for TV's
C301002	Acrylic Plaster Coating			High Performance (impact resistant) seamless 10 mil minimum interior acrylic coating system shall be used as an interior wall finish over CMU.
C302006	Floor Finish			Minimal Maintenance, High-Durability, Resilient Flooring
C302007	Wall Base Finish		4" H	Rubber
C303001	Acoustical Tile and Grid		24" x 24"	Suspended Acoustical Ceiling Panels with a reveal edge and standard prefinished grid system.
C303002	Gypsum Board Ceiling Finish			Provide gypsum board accent soffits and bulkheads. Provide level 4 finish on all exposed surfaces.
C304001	Interior Coatings and Finishes			High Performance Latex Paint. Provide one or more painted accent walls.
D304001	Air Distribution, Heating and Cooling			Provide ventilation complying with latest ASHRAE 62.1 requirements. Provide continuous ventilation equal to exhaust, ventilation air is to be fully conditioned and at neutral conditions of 70 degrees F and maximum 50% RH.
D304007	Exhaust Systems			Provide continuous exhaust
D305003	Fan Coil Units			Provide horizontal 4-pipe fan coil unit with secondary drain pan
D306001	HVAC Controls			Provide DDC capable digital wall mounted thermostat. Thermostat will provide fan coil units with BACNET connectivity.
D4010	Fire Alarm and Detection Systems			Provide audible notification appliance coverage in accordance with UFC 3-600-01 and UFC 4-021-01.
D4040	Sprinkler Systems			Provide wet-pipe sprinkler coverage in accordance with UFC 3-600-01.
D502001	Branch Circuit Wiring			Provide 120v duplex receptacles every 10'oc and as required to coordinate with D5030 equipment. Provide dedicated receptacle for AV equipment cabinet. Provide power to the conference room table via a floor box, recessed type, flush with floor. Provide receptacle for TV. Provide receptacle on dedicated circuit for the AV credenza. Provide ceiling mounted receptacle for projector. Provide power and switch for screen.

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Uniformat Section	Description	Qty	Size	Specific Requirements
D502002	Lighting Equipment			<p>Target Illuminance = 50fc Fixture Type: recessed LED linear volumetric direct/indirect + downlight + wall wash Control: Vacancy Sensor + Switch at each door + Dimming. Provide scene control, minimum 4 programmed scenes. Provide at least 2 zones of lighting, above the table and along the walls.</p>
D503001	Telecommunications Systems			<p>1 – IPTV outlet wall mounted behind TV.</p> <p>Refer to D503001 for telecommunications floor box requirements.</p> <p>Provide data outlets in the following locations:</p> <p>Coordinate the rough-in location for voice and data communications outlets with the associated equipment mounting configuration</p> <p>4 – Combination voice and NMCI data outlets</p> <p>4 - OpenNet outlets adjacent to each voice/NMCI outlet.</p> <p>1- SIPRNet outlet. Provide lock box for SIPRNet outlet</p> <p>Provide two combination voice and NMCI data outlets by A/V cabinet/credenza</p>
D503004	Television Systems			<p>Provide three flush A/V floor boxes adjacent to the power and telecomm boxes below table</p> <p>Provide three 1-1/4" conduits below floor from equipment rack to the first A/V floor box below table. Interconnect each of these floor boxes with three 1-1/4" conduits .</p> <p>Provide a CATV outlet in the following locations:</p> <p>TV: 1 each, wall-mounted behind the equipment</p> <p>Projector: 1 each, mounted above the accessible ceiling</p> <p>AV Rack: 1 each</p> <p>Coordinate the rough-in location for CATV outlets with the associated equipment</p>
D503005	Security Systems			<p>Provide pathway, camera drops and camera control cabling and hardware for MCESG official A/V Training/CATV. (PTZ cameras with integrated illumination assemblies). Each unit to be individually addressable and independently controlled. Route pathway, cabling/wiring to AV closet .</p> <p>Provide pathway, cabling/wiring to AV closet for MCESG official A/V Training.</p>

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Uniformat Section	Description	Qty	Size	Specific Requirements
E2020	Movable Furnishings			1 – Waste Receptacle 10 to 12 – Task Chair 1 – Large Conference table with power/data/comm 6 to 8 – Side Chairs 1- Credenza